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RECOMBINANT PRODUCT

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Abstract (en)
[origin: WO9103556A1] This invention relates to PAI-2 and its expression as a recombinant molecule in eukaryotic cell lines as a glycosylated secreted molecule, to the constructs expressing it, to host cells expressing it, to compositions comprising it, to methods of treatment, prophylaxis and diagnosis using it and to antibodies raised against it. The invention also provides a 414 amino acid form of PAI-2 wherein the N-terminal methionine residue is deleted, a 60 kD glycosylated secreted recombinant form of PAI-2 and compositions and methods using these molecules. The invention further relates to a novel synthetic signal peptide.

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Citation (search report)
• [XY] EP 0278696 A2 19880817 - NEW ENGLAND MEDICAL CENTER INC [US], et al
• [XY] DE 3713272 A1 19881103 - BEHRINGWERKE AG [DE]
• [Y] FR 2611723 A1 19880909 - TRANSGENE SA [FR]
• [XY] R. YE ET AL: "Mammalian protein secretion without signal peptide removal", JOURNAL OF BIOLOGICAL CHEMISTRY., vol. 263, no. 10, 5 April 1988 (1988-04-05), BALTIMORE US, pages 4869 - 4875
• [XY] R. YE ET AL: "cDNA cloning and expression in E. coli of a plasminogen activator inhibitor from human placenta", JOURNAL OF BIOLOGICAL CHEMISTRY., vol. 262, no. 8, 15 March 1987 (1987-03-15), BALTIMORE US, pages 3718 - 3725
• [Y] PATENT ABSTRACTS OF JAPAN vol. 13, no. 29 (C - 526)<3377> 23 January 1989 (1989-01-23)
• [A] E. LAWRENCE: "Henderson's dictionary of Biological Terms", 1989, LONGMAN SCIENTIFIC & TECHNICAL, AVON, GB, 164750
• [PA] S. ALI ET AL: "Characterisation of the alleles encoding ovine beta -lactoglobins A and B", GENE., vol. 91, 16 July 1990 (1990-07-16), AMSTERDAM NL, pages 201 - 207
• See references of WO 9103556A1

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